after the title, insert --

BACKGROUND OF THE INVENTION

Field of the Invention--;

after line 7, insert --

Description of the Related Art--;

in line 9, before "method" insert --a--;

in line 14, before "time" insert --a--; and

in line 29, change "plurality" to --number--.

On page 2, in line 2, change "time s slots" to --time slots--; and

in line 19, delete "To be cited as an" and insert --An--.

On substitute page 3, in line 1, change "plurality" to --number--;

in line 3, before "recognized" insert --which is--;

in line 4, change "reëmployment" to --reemployment--;

in line 5, change "plurality" to --number--;

in line 7, before "EP-A-0 182 762" insert --European Patent Document--;

in line 13, delete "[...]" and insert --in--;

in line 14, before "GB-A-2 228 163" insert --British Patent Document-- and delete "[...]" and insert --discloses--;

in line 19, change "US-A-5,471,503 [...]" to --U.S. Patent No. 5,471,503 discloses--;

after line 21, insert –

SUMMARY OF THE INVENTION--;

in line 22, change "create" to --provide--;

in line 28, delete "according to the independent claims" and insert -- including the following steps: offering a table with a plurality of N possible

A1

carrier frequency values fx in addresses 1 through N of the table, whereby the N possible carrier frequency values are arranged in n sub-groups; generating a sequence of random values; reading out at least a part M of the N carrier frequency values fx from the table, whereby the carrier frequency values within each sub-group are read out from the corresponding addresses on the basis of the generated sequence of random values and the sub-groups are read out in a discontinuous sequence, whereby $M \leq N$ applies; and transmitting information in the corresponding carrier frequencies. In the apparatus, the elements of: a means for offering a table with a plurality of N possible carrier frequency value fx in addresses 1 through N of the table, whereby the N possible carrier frequency values are arranged in n sub-groups; a means for generating a sequence of random values; a means for reading out at least a part M of the N carrier frequency values fx from the table, whereby the carrier frequency values within each sub-group are read out from the corresponding addresses on the basis of the generated sequence of random values and the sub-groups are read out in a discontinuous sequence, whereby $M \leq N$ applies; and a means for transmitting information in the corresponding carrier frequencies are provided.--; and

in line 29, delete "are recited in the respective subclaims" and insert -- provided by the generated sequence of random values being converted into corresponding address values in the respective sub-group with which the carrier frequency values are read from the respective sub-groups of the table. Specifically, the following steps are implemented for the setup of a connection: sampling a carrier frequency; deciding whether a specific message was received on this carrier frequency during a specific time span; when the decision is negative, selecting a new carrier frequency and sampling this new carrier frequency; when the decision is positive, generating the sequence of random values upon employment of the message. The following steps are implemented

for the synchronization: sampling a carrier frequency; deciding whether a specific message was received on this carrier frequency during a specific time span; when the decision is negative, selecting a new carrier frequency and sampling this new carrier frequency; when the decision is positive, generating the sequence of random values upon employment of the message. In one example, a part j of k possible carrier frequency values is read out from each sub-group of the table, whereby the remaining k-j carrier frequency values in the respective sub-group are employed for replacing disturbed carrier frequency values of the j carrier frequency values, whereby k x n = N and j x n = M apply. Each sub-group of the table is updated from the k-j carrier frequency values before the read-out upon replacement of the carrier frequency values that correspond to disturbed carrier frequencies.

In the preferred examples of the apparatus, a means for converting the generated sequence of random values into address values corresponding to the respective sub-group with which the carrier frequency values are read from the respective sub-groups of the table. A means for the setup of a connection is provided that includes: means for sampling a carrier frequency; means for deciding whether a specific message was received on this carrier frequency during a specific time span, configured such that, when the decision is negative, a new carrier frequency is selected and this new carrier frequency is sampled, and, when the decision is positive, the sequence of random values is generated upon employment of the message. A means for synchronization is provided according to a preferred embodiment that includes: means for sampling a carrier frequency; means for deciding whether a specific message was received on this carrier frequency during a specific time span, configured such that, when the decision is negative, a new carrier frequency is selected and this new carrier frequency is sampled, and, when the decision is positive, the sequence of random values is

generated upon employment of the message. The means for readout reads a part j of k possible carrier frequency values from each sub-group of the table, whereby the remaining k-j carrier frequency values in the respective sub-group are employed for replacing disturbed carrier frequency values of the j carrier frequency values, whereby k x n = N and j x n = M apply. Specifically, a means for updating that updates each sub-group of the table from the k-j carrier frequency values before the readout upon replacement of the carrier frequency values that correspond to disturbed carrier frequencies.--.

On substitute page 3a, in line 8, change "x [sic]" to --fx--.

On page 4, in line 27, change "plurality" to --number--.

On page 5, after line 16, insert --

BRIEF DESCRIPTION OF THE DRAWINGS--;

in lines 18 and 19, delete "Shown are:";

in line 20, after "Fig. 1" insert --is a schematic diagram of--;

in line 22, after "Fig. 2" insert --is a top perspective view of--;

in line 24, after "Fig. 3" insert --is a functional block diagram showing--; and

in line 25, after "Fig. 4" insert --is--.

On page 6, after line 16, insert --

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS--.

On page 7, in line 11, change "fx - 10" to --fx 1 - 10--.